

E4991B-01A

Information Only Service Note

Supersedes:
E4990B-01

E4991B Impedance Analyzer, 1 MHz to 500 MHz/1 GHz/3 GHz

Serial Numbers: MY54100001 – MY54199999, SG54100001 – SG54199999
Manufacturing ID Number: N/A

E4991B Chassis Assembly and Rear Panel replacement part number change.

Parts Required:

P/N	Description	Qty.
E5061-60026	Chassis Assembly	1
E5061-00219	Rear Panel	1

ADMINISTRATIVE INFORMATION

<input checked="" type="checkbox"/> Calibration Required	PRODUCT LINE: WN
<input type="checkbox"/> Calibration NOT Required Calibration NOT Required	AUTHOR: LS

ADDITIONAL INFORMATION:

This service note communicates the rear panel and chassis assembly support parts replacement strategy and dependency.

Situation:

New and improved rear panel and chassis assembly is introduced. Due to mechanical (dimension) change, both rear panel and chassis assembly are required to be replaced with “new” part number on hardware compatibility when either one of the “old” part number is depleted.

Solution/Action:

The new and improved rear panel and chassis assembly would to further improve the grip between the rear panel and chassis assembly. The insert nut of the chassis assembly is made to be slightly protruded (~1.2mm) resulting in the direct contact (same surface) when the rear panel (~1.2mm in thickness) is installed.

Replace **both** rear panel and chassis assembly whenever one of the following old part is required to be replaced. Shown in Table 1-1 is the replacement part support plan for E4991B. Refer to Figure 1-1 for the detailed illustration on the changes.

Table 1- 1

Defective PN (old)	Replacing PN (New)	Description	Remarks
E5061-60006	1. E5061-60026	Chassis Assembly	Set Replacement
E5061-00209	2. E5061-00219	Rear Panel	

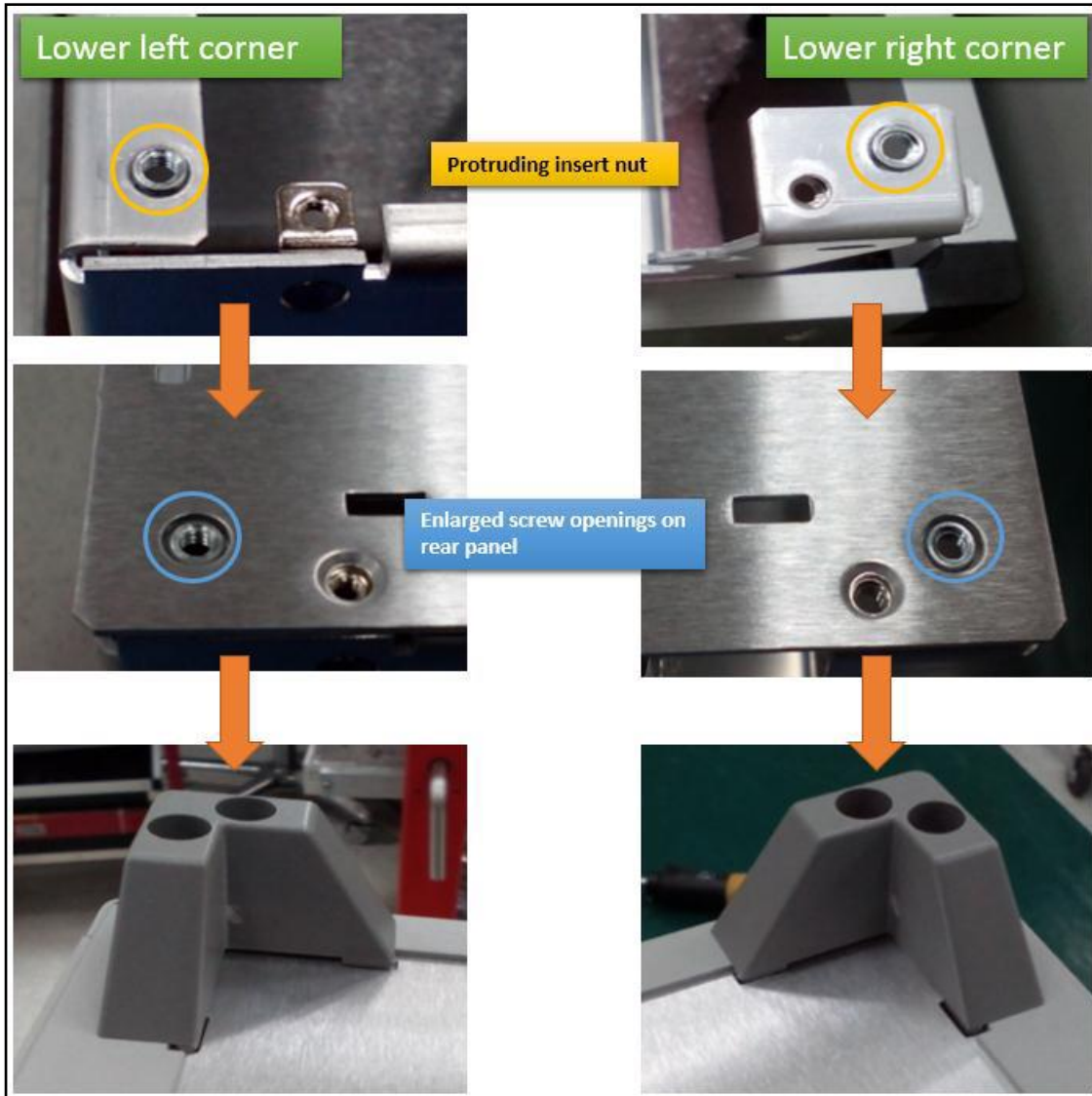


Figure 1- 1 New Rear Panel and Chassis Assembly

Post replacement requirement:

Perform full calibration in ensuring the instrument is well within specification since the chassis assembly replacement would require the removal and assembly of analog modules.

Revision History:

Date	Service Note Revision	Author	Reason for Change
25 May 2015	E4991B-01	ls	As Published
09 Jan 2019	E4991B-01A	bs	To include affected serial number (from ALL to MY541/SG541)